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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/519,859

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Ikuko Yairi

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7590 07/26/2007
McCormick Paulding & Huber
CityPlace II
185 Asylum Street
Hartford, CT 06103-4102

EXAMINER

CHEEMA, AZAM M

ART UNIT

PAPER NUMBER

2169

MAIL DATE

DELIVERY MODE

07/26/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/519,859

Applicant(s)

YAIRI ET AL.

Examiner

Azam Cheema

Art Unit

2169

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 June 2007.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 5 and 6 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 5 and 6 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 29 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This communication is in response to the arguments filed on Jun 18, 2007.
Claims 5 and 6 have been amended. Claims 5 and 6 are pending in this application which are ready for examination by the examiner.

Response to Arguments

2. Application's arguments, with respect to the claims 5 and 6, necessitated the new ground(s) of rejection presented in this Office action. After further search and a thorough examination of the present application, claims 5 and 6 remain rejected.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out

the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 5 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nozaki (EP 1085484 A2) in view of Fruchterman et al. (US PAT. NO 5,470,233).

For claim 5, Nozaki teaches:

A method of supporting a self-sustained moving comprising the steps of:
inputting physical disability information and a destination from a communication terminal (see paragraph [0097]; input user's specific information, starting point, destination and additional condition for route setting);
computing a guide route of a sidewalk according to the physical disability information based on the physical disability information inputted from the communication terminal and sidewalk data stored in a database (see paragraph [0005], computation based on the route information retrieved from the route computing database when the JR Kamata Station is specified as a starting point S and the Keikyu Kamata Station is specified as a destination G on a map image shown in Fig.10);
combining the computed guide route with a map data stored in the database to output it as an electronic map and displaying the electronic map showing the guide route on the communication terminal (see paragraph [0028], when the route connecting the specified

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starting point and destination point is to be displayed on the map image to navigate a man).

Wherein the step of computing the guide route (see paragraph [0005], computation based on the route information retrieved from the route computing database when the JR Kamata Station is specified as a starting point S and the Keikyu Kamata Station is specified as a destination G on a map image shown in Fig.10).

Nozaki has all the limitations as set forth above in claim 5, but does not explicitly teach physical disability information.

However, Fruchterman discloses includes preferentially computing the sidewalk that has been passed by a plurality of users having similar physical disability information (see Abstract, global positioning system that helps a blind pedestrian navigate through a city and col.2, lines 59-61, a blind pedestrian, of course, may be walking along a road, through an adjacent parking lot or in a valley).

It would have been obvious to one of the ordinary skill in the art at the time invention was made to modify the reference as correlating to the physical disability information of Fruchterman et al with Nozaki because a blind pedestrian can efficiently navigate through a maze of city streets, thereby providing him with a greater degree of independence (see col.22, lines 21-23) of Fruchterman et al).

For claim 6, note that the guide route of the electronic map displayed on the communication terminal is displayed to designate the sidewalk to be passed (see paragraph [0028], when the route connecting the specified starting point and destination point is to be displayed on the map image to navigate a man, Nozaki).

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. The prior art made of record and not relied upon considered pertinent to applicant's disclosure.

a. Machida, et al. (US 2001/0027375 A1) discloses a Geographic information output system.

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- b. Nozaki (US 6,470,267 B1) discloses a Man navigation system.
- c. Barton (US 2004/0030670 A1) discloses a method and system for obtaining recurring delay data using navigation systems.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Azam Cheema whose telephone number is 571-270-1753. The examiner can normally be reached on Monday-Friday 7.30a.m-5.00p.m ALT Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ali can be reached on 571-272-4105. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AC

Azam Cheema

Patent Examiner

July 13, 2007

SRP
7/19
MOHAMMAD ALI
PRIMARY EXAMINER